

**THANK YOU KENTUCKY FARMERS AND AGRI-BUSINESSES  
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**1998 ANNUAL CROP SUMMARY**

**U.S. HIGHLIGHTS**

☛ **Corn for grain** production was estimated at 9.76 billion bushels, up 6 percent from the 1997 crop but down 1 percent from the November 1 forecast. The 1998 production ranks second behind the 10.1 billion bushels produced in 1994. Yield per acre of 134.4 bushels was up 7.7 bushels from a year earlier.

☛ **Soybean** production totaled 2.76 billion bushels, down slightly from the November 1 forecast but up 3 percent from 1997. The 1998 production was the highest on record, followed by the 1997 crop of 2.69 billion bushels. Average yield per acre in 1998 was estimated at 38.9 bushels. This was equal to the 1997 yield which was the second highest yield on record behind the 1994 yield of 41.4 bushels.

☛ The **Eight State Burley Belt** produced 608.0 million pounds of burley tobacco, down 6 percent from the 1997 production of 648.6 million pounds. Kentucky farmers produced 71 percent of the Belt's production. Belt yield averaged 1,928 pounds per acre, down 6 pounds from 1997.

**KENTUCKY**

The 1998 crop year got off to a good start with farmers being able to plant their corn and soybeans and set their tobacco without weather related delays. During July and August hot weather and dry soil conditions combined to limit final yields. Early corn yield was essentially made prior to the dry weather while second crop soybean and late tobacco yields were hurt.

**Corn** production was estimated at 135.7 million bushels, an increase of 15 percent from the 1997 crop. A hot, dry summer from early July through August hurt yields to various degrees. Yields within a county varied greatly depending on when and how much rain was received. Yield per acre, at 115 bushels, was 12 bushels better than the 1997 crop. Harvested acreage estimated at 1.18 million acres was up 30,000 acres from a year earlier.

yield to various degrees. Second crop soybeans were especially hurt by the dry weather. Yield per acre was estimated at 30.0 bushels per acre, down 4.5 bushels from 1997 and the lowest yield in 10 years. Harvested acreage at 1.20 million acres was down 20,000 acres from 1997.

**Burley tobacco** farmers produced an estimated 431.2 million pounds, down 8 percent from the large 1997 crop. The smaller crop resulted from a decrease in harvested acreage. Yield per acre, at 1,960 pounds, was unchanged from a year earlier. Harvested acreage, at 220,000 acres, was down 20,000 acres from 1997. The burley crop was set with little delay due to weather conditions. Blue mold was present but damage was minimal due to the hot, dry summer while black shank was also present and hurt the crop to various degrees. Yields were hurt by the hot, dry summer. Curing conditions for some of tobacco cut was less than desirable. Production of all types of **dark tobacco** except Type 22 were up from a year earlier.

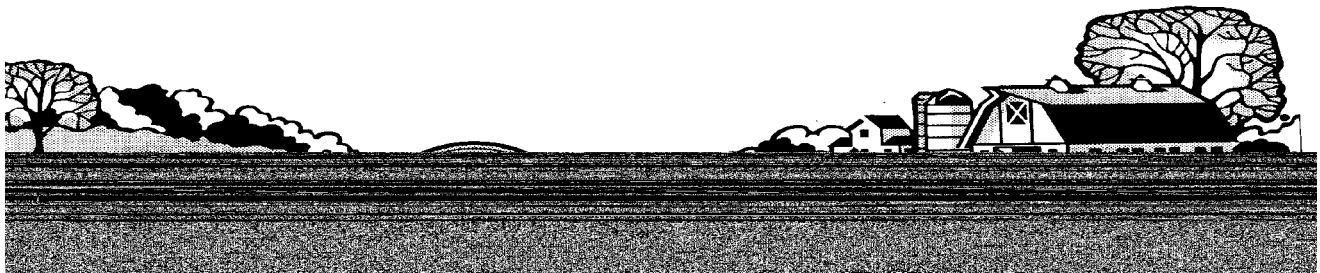
**Alfalfa hay** production was estimated at 875,000 tons, up 17 percent from 1997. After a wet spring, conditions for baling hay were ideal most of the summer. First and second cuttings were exceptionally good. Yield per acre averaged 3.5 tons, up .5 ton from 1997. Harvested acreage was estimated at 250,000 acres, unchanged from 1997 and the smallest since 1985 which was also 250,000 acres. **Other hay** production at 4.83 million tons was up 24 percent from 1997. This was the largest production on record. Yield per acre averaged 2.30 tons per acre, also the largest on record. Harvested acreage at 2.10 million acres was up 250,000 acres from a year earlier. Acreage cut for other hay tends to increase in dry years when farmers tend to harvest more hay acreage to help feed their livestock.

Farmers produced an estimated 36.0 million bushels of **soybeans**, down 14 percent from 1997. The smaller crop resulted from both decreases in acreage and yield. Planting progressed well this spring and after the small grain harvest. A hot, dry summer from early July through August hurt

**ANNUAL CROP SUMMARY 1997-1998**  
**HARVESTED ACREAGE, YIELD, AND PRODUCTION, KENTUCKY AND UNITED STATES**

CROPS	UNIT	ACREAGE HARVESTED		YIELD PER ACRE		PRODUCTION			
		1997	1998	1997	1998	1997	1998	'98 as % of '97	
		(Thousand)		(Thousand)					
KENTUCKY									
Corn for Grain	Bu	1,150 <u>1/</u>	1,180	103.0	115.0	118,450 <u>1/</u>	135,700	115	
Soybeans for Beans	Bu	1,220 <u>1/</u>	1,200	34.5	30.0	42,090 <u>1/</u>	36,000	86	
All Wheat	Bu	420 <u>1/</u>	550	54.0	45.0	22,680 <u>1/</u>	24,750	109	
Barley	Bu	7 <u>1/</u>	7	70.0 <u>1/</u>	63.0	490 <u>1/</u>	441	90	
Sorghum for Grain	Bu	9 <u>1/</u>	8	65.0 <u>1/</u>	80.0	585 <u>1/</u>	640	109	
Hay:									
All	Ton	2,100 <u>1/</u>	2,350	2.21 <u>1/</u>	2.43	4,635 <u>1/</u>	5,705	123	
Alfalfa	Ton	250 <u>1/</u>	250	3.00 <u>1/</u>	3.50	750 <u>1/</u>	875	117	
All Other	Ton	1,850 <u>1/</u>	2,100	2.10 <u>1/</u>	2.30	3,885 <u>1/</u>	4,830	124	
Tobacco:									
All	Lbs	250.50 <u>1/</u>	231.40	1,988 <u>1/</u>	1,992	497,928 <u>1/</u>	460,910	93	
Burley	Lbs	240.00 <u>1/</u>	220.00	1,960 <u>1/</u>	1,960	470,400 <u>1/</u>	431,200	92	
Type 22 E. Fired	Lbs	3.75	3.80	2,560	2,500	9,600	9,500	99	
Type 23 W. Fired	Lbs	3.60	3.70	2,970	3,000	10,692	11,100	104	
Type 35 One Sucker	Lbs	2.05	2.50	2,290	2,300	4,695	5,750	122	
Type 36 Green River	Lbs	1.10	1.40	2,310	2,400	2,541	3,360	132	
UNITED STATES									
Corn for Grain	Bu	72,671 <u>1/</u>	72,604	126.7 <u>1/</u>	134.4	9,206,832 <u>1/</u>	9,761,085	106	
Soybeans for Beans	Bu	69,110 <u>1/</u>	70,811	38.9 <u>1/</u>	38.9	2,688,750 <u>1/</u>	2,756,794	103	
All Wheat	Bu	62,840 <u>1/</u>	59,002	39.5 <u>1/</u>	43.2	2,481,466 <u>1/</u>	2,550,383	103	
Barley	Bu	6,198 <u>1/</u>	5,867	58.1 <u>1/</u>	60.1	359,878 <u>1/</u>	352,445	98	
Sorghum for Grain	Bu	9,158 <u>1/</u>	7,723	69.2 <u>1/</u>	67.3	633,545 <u>1/</u>	519,933	82	
Hay:									
All	Ton	61,084 <u>1/</u>	60,016	2.50	2.52	152,536 <u>1/</u>	151,338	99	
Alfalfa	Ton	23,551 <u>1/</u>	23,642	3.33 <u>1/</u>	3.47	78,535 <u>1/</u>	82,010	104	
All Other	Ton	37,533 <u>1/</u>	36,374	1.97 <u>1/</u>	1.91	74,001 <u>1/</u>	69,328	94	
Tobacco:									
All	Lbs	836.23 <u>1/</u>	726.91	2,137 <u>1/</u>	2,104	1,787,399 <u>1/</u>	1,529,647	86	
Burley	Lbs	335.30 <u>1/</u>	315.40	1,934 <u>1/</u>	1,928	648,633 <u>1/</u>	607,994	94	
Type 22 E. Fired	Lbs	11.15	11.10	2,507	2,500	27,952	27,750	99	
Type 23 W. Fired	Lbs	4.20	4.28	2,939	2,966	12,342	12,695	103	
Type 35 One Sucker	Lbs	2.53	3.04	2,235	2,264	5,655	6,884	122	
Type 36 Green River	Lbs	1.10	1.40	2,310	2,400	2,541	3,360	132	

1/ Revised.



**PLANTED ACREAGE, KENTUCKY & UNITED STATES**

CROPS	KENTUCKY			UNITED STATES		
	1997	1998	1998 % of 1997	1997	1998	1998 % of 1997
	(Thousand Acres)			(Thousand Acres)		
Corn, All	1,270 <u>2/</u>	1,300	102	79,537 <u>2/</u>	80,187	101
Soybeans	1,240 <u>2/</u>	1,220	98	70,005 <u>2/</u>	72,375	103
All Wheat <u>1/</u>	650 <u>2/</u>	750	115	70,412 <u>2/</u>	65,871	94
Barley <u>1/</u>	9 <u>2/</u>	8	89	6,706 <u>2/</u>	6,340	95
All Sorghum	11 <u>2/</u>	10	91	10,052 <u>2/</u>	9,626	96

1/ Includes acreage planted preceding fall. 2/ Revised.

## DECEMBER 1 CORN STOCKS UP 18 PERCENT

**Kentucky corn** stocks totaled 86.0 million bushels on December 1, 1998. This was up 18 percent from December 1, 1997 and the largest December 1 corn stocks in 4 years. Corn stored in off-farm facilities totaled 15.0 million bushels (17 percent of the total) while on-farm stocks totaled 71.0 million bushels. Off-farm stocks include grain stored at mills, elevators, warehouses, terminals and processors. Off-farm corn stocks were the lowest December stocks in 3 years while on-farm stocks were the largest in 4 years.

**Soybean** stocks estimates in Kentucky are made only for off-farm stocks. Off-farm stocks totaled 11.0 million bushels, down 15 percent from December 1, 1997 and the smallest December stocks in 10 years.

Kentucky off-farm stocks of **all wheat** was 6.96 million bushels, up 27 percent from December last year and the largest December 1 stocks in 16 years.

**U.S. corn** stocks in all positions on December 1, 1998 totaled 8.05 billion bushels, up 11 percent from December 1, 1997. Of the total stocks, 5.32 billion bushels were stored on farms, up 10 percent from a year earlier. Off-farm stocks, at 2.73 billion bushels, were up 13 percent from the previous year. **Soybeans** stored in all positions on December 1, 1998 totaled 2.19 billion bushels, up 9 percent from December 1, 1997. On-farm stocks estimated at 1.19 billion bushels, were up 13 percent from the same period a year ago. Off-farm stocks, at 1.00 billion bushels, were 5 percent higher than December 1, 1997. **All wheat** in all storage positions December 1, 1998 totaled 1.89 billion bushels, up 17 percent from a year ago to the biggest December inventory since 1990.

### KENTUCKY AND UNITED STATES STOCKS OF GRAIN, DECEMBER 1, 1998 WITH COMPARISONS

CROP	POSITION	KENTUCKY			UNITED STATES		
		Dec. 1 1997	Sept. 1 1998	Dec. 1 1998	Dec. 1 1997	Sept. 1 1998	Dec.1 1998
(Thousand Bushels)							
Corn	On-Farm	57,000	7,000	71,000	4,822,000	640,000	5,320,000
	Off-Farm <u>1</u> /	15,606	4,007	15,026	2,424,756	667,803	2,730,220
	Total	72,606	11,007	86,026	7,246,756	1,307,803	8,050,220
Sorghum	On-Farm	<u>2</u> /	<u>2</u> /	<u>2</u> /	99,625	13,700	95,900
	Off- Farm <u>1</u> /	<u>4</u> /	<u>4</u> /	<u>4</u> /	274,244	35,203	237,831
	Total	<u>2</u> /	<u>2</u> /	<u>2</u> /	373,869	48,903	333,731
Oats	On-Farm	<u>3</u> /	<u>3</u> /	<u>3</u> /	83,200 <u>5</u> /	110,300	81,500
	Off-Farm <u>1</u> /	<u>4</u> /	256	<u>4</u> /	61,051	51,515 <u>5</u> /	61,841
	Total	<u>4</u> /	256	<u>4</u> /	144,251 <u>5</u> /	161,815 <u>5</u> /	143,341
Barley	On-Farm	<u>2</u> /	<u>2</u> /	<u>2</u> /	134,500 <u>5</u> /	193,500 <u>5</u> /	140,900
	Off-Farm <u>1</u> /	16	<u>4</u> /	<u>4</u> /	109,561	132,652 <u>5</u> /	121,523
	Total	<u>2</u> /	<u>2</u> /	<u>2</u> /	244,061 <u>5</u> /	326,152 <u>5</u> /	262,423
All Wheat	On-Farm	<u>2</u> /	<u>2</u> /	<u>2</u> /	604,000	885,720	680,200
	Off-Farm <u>1</u> /	5,478	9,282	6,962	1,015,242	1,499,770 <u>5</u> /	1,211,746
	Total	<u>2</u> /	<u>2</u> /	<u>2</u> /	1,619,242	2,385,490 <u>5</u> /	1,891,946
Soybeans	On-Farm	19,500	<u>2</u> /	<u>2</u> /	1,048,000	84,300	1,187,000
	Off-Farm <u>1</u> /	12,907	772	11,031	951,417	115,499	999,756
	Total	32,407	<u>2</u> /	<u>2</u> /	1,999,417	199,799	2,186,756

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals and processors. <sup>2/</sup> Kentucky is a minor State, not published separately. <sup>3/</sup> On-Farm oats stock estimates not made. <sup>4/</sup> Not published to avoid disclosure of individual operations. <sup>5/</sup> Revised.

## GRAIN STORAGE CAPACITY

**Off-farm** commercial grain storage capacity for **Kentucky** totaled 58.9 million bushels on December 1, 1998, down less than 1 percent from December 1, 1997. Kentucky off-farm facilities at 218 were down by 11 from last year. **U.S.** capacity of off-farm commercial grain storage totaled 8.01 billion bushels on December 1, 1998, up less than 1 percent from December 1, 1997. Twenty-two States and New England showed decreases in capacity from a year earlier, 14 States recorded increases and three were unchanged. Illinois leads all States in off-farm storage capacity with 1.08 billion bushels.

**Kentucky on-farm** grain storage capacity totaled 180.0 million bushels, unchanged from 1997. On-farm grain storage capacity includes all bins, cribs, sheds, and other structures normally used to store whole grains or oilseeds located on farms. **U.S.** on-farm grain storage capacity totaled 11.1 billion bushels on December 1, 1998, up slightly from December 1, 1997. Iowa leads all States in on-farm storage capacity with 1.60 billion bushels.

### OFF-FARM STORAGE CAPACITY, SELECTED STATES, DECEMBER 1, 1997 & 1998

STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity	
	12-1-97	12-1-98	12-1-97	12-1-98
1,000 bushels				
Illinois	1,033	1,013	1,069,260	1,081,720
Indiana	443	430	356,050	342,400
<b>KENTUCKY</b>	<b>229</b>	<b>218</b>	<b>59,250</b>	<b>58,870</b>
Missouri	495	482	229,520	227,600
Ohio	506	507	335,320	337,830
Tennessee	225	225	58,510	58,510
UNITED STATES	10,605 <sup>1/</sup>	10,287	7,961,340 <sup>1/</sup>	8,005,580

Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grains, soybeans, sunflowers, or flaxseed.

<sup>1/</sup> Revised.

## KENTUCKY WINTER WHEAT SEEDED ACREAGE DOWN

**Kentucky** farmers seeded an estimated 650,000 acres to **winter wheat** during the fall of 1998. This was down 100,000 acres from the 1998 crop and the smallest seeded acreage in 4 years. Acreage was down for a variety of reasons. Prices received for the 1998 crop were low and the anticipated tobacco base acreage will be down in 1999. A sizeable acreage of winter wheat is plowed down each year as a green cover crop prior to setting tobacco.

Winter wheat seeding went well this past fall due to generally dry conditions. The crop going into winter was in good condition based on adequate soil moisture.

**U.S.** farmers seeded an estimated 43.4 million acres of winter wheat, down 7 percent from 1998. This was the smallest area since 1972. Seeding was hampered by dryness in some locations and wetness in others. About 99 percent of the U.S. acreage was seeded by December 1. Kansas remained the Nation's leading winter wheat State with 10.0 million acres, down 700,000 acres

from 1998. Oklahoma was second with 6.40 million acres and Texas was third with 6.20 million acres.

**WINTER WHEAT SEEDED ACREAGE  
SELECTED STATES & U.S., 1998-99**

State	Acreage Seeded <sup>1/</sup>		
	1998 Crop	1999 Crop	1999 % of 1998
	(1,000)		
Illinois	1,250	1,050	84
Indiana	700	550	79
Kansas	10,700	10,000	93
<b>KENTUCKY</b>	<b>750</b>	<b>650</b>	<b>87</b>
Missouri	1,350	1,020	76
Ohio	1,200	1,050	88
Oklahoma	6,600 <sup>2/</sup>	6,400	97
Tennessee	570	520	91
Texas	6,100	6,200	102
<b>U. S.</b>	<b>46,449 <sup>2/</sup></b>	<b>43,354</b>	<b>93</b>

<sup>1/</sup>Total acreage seeded for all purposes. <sup>2/</sup>Revised.

## U.S. DAIRY PRODUCTS, NOVEMBER 1998

PRODUCT	November 1997	October 1998 <sup>1/</sup>	November 1998	Percent of Nov. 1997 Oct. 1998	
		(000) Pounds		Percent	
<b>BUTTER</b>	89,131	83,214	87,277	98	105
<b>CHEESE</b>					
American Types <sup>2/</sup>	248,540	254,550	267,642	108	105
Mozzarella	181,941	199,378	203,543	112	102
All Other Types <sup>3/</sup>	164,042	167,271	161,215	98	96
Total	594,523	621,199	632,400	106	102
		(000) Gallons		Percent	
<b>FROZEN PRODUCTS</b>					
Ice Cream (Hard)	54,115	64,880	51,881	96	80
Frozen Yogurt (Total)	5,151	7,015	6,100	118	87
<b>MIX FOR FROZEN PRODUCTS</b>					
Ice Cream Mix	29,874	35,816	28,775	96	80
Yogurt Mix	3,260	4,440	3,861	118	87

<sup>1/</sup>Revised. <sup>2/</sup> Includes Cheddar, Colby, Monterey, and Jack. <sup>3/</sup>Includes Swiss, cream and all other types. Excludes cottage cheese.

**Internet Access:** Kentucky Agricultural Statistics Service (KASS) data including this report are available free of charge on our Internet homepage located at <http://www.nass.usda.gov/ky>. Links to the Kentucky Department of Agriculture, the University of Kentucky Agricultural Weather Center and other web sites related to Kentucky Agriculture are also included. National & State reports and data are available on the National Agricultural Statistics Service (NASS) homepage located at <http://www.usda.gov/nass/>

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